

**Golder Associates Inc.**

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November 29 1995



40053023  
 SUPERFUND RECORDS

Our Ref 943-2848

West Lake Landfill

MIB 079900932

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Doc #2

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United States Environmental Protection Agency  
 Waste Management Division  
 Region VII  
 726 Minnesota Avenue  
 Kansas City Kansas 66101

Attention Mr. Steven E. Kinser Remedial Project Manager

**RE SUBMITTAL OF THE "PHYSICAL CHARACTERIZATION  
 MEMORANDUM" WEST LAKE LANDFILL OPERABLE UNIT 2 RI/TS**

Dear Mr Kinser

As described in Section 6 of the Final "Remedial Investigation/Feasibility Study Work Plan West Lake Landfill Operable Unit 2 Bridgeton Missouri (referred to hereafter as the Work Plan) a "Physical Characterization Memorandum" is scheduled to be submitted to EPA 60 days after completion of the 300-series piezometers. Section 4.2.4 of the Work Plan further states that the "Physical Characterization Memorandum" will be attached to a monthly report. Development of the 300-series piezometers is nearing completion which suggests that the "Physical Characterization Memorandum" would be attached to the monthly report to be submitted to EPA by February 10, 1996.

One of the primary functions of the "Physical Characterization Memorandum" is to recommend a groundwater quality monitoring system for the site, based on direction of groundwater flow, both vertically and horizontally (refer to Sections 4.2.4 and 5.2.4.3). Although not expressly stated in the Work Plan, the schedule for submittal of the Physical Characterization Memorandum assumed that Operable Unit 1 intrusive activities including monitoring well installation would be completed well in advance of 300 series piezometer installation. It is intended that the water levels obtained from Operable Unit 1 monitoring wells will be combined with the existing site monitoring wells and Operable Unit 2 piezometers to develop a comprehensive hydrogeologic model that accurately depicts the direction of groundwater flow across the entire site. By integrating data from Operable Units 1 and 2 remedial activities, EPA will be provided with reliable data from which to evaluate the recommended groundwater monitoring program.

WEST LAKE Project # 943 2848  
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Operable Unit 1 remedial activities have progressed somewhat slower than had been anticipated. To allow sufficient time to collect pertinent groundwater elevation data from

November 29 1995

2

943-2848

both Operable Units, and to evaluate the data, develop appropriate cross sections and water table maps and prepare the report an extension in time for delivery of the "Physical Characterization Memorandum" is requested. Specifically it is requested that the delivery date for the "Physical Characterization Memorandum" be extended from February 1996 to May 1996. The extra time if approved by EPA, will be used to collect data sufficient to properly characterize the site hydrogeologic conditions integrate Operable Unit 1 and Operable Unit 2 results and recommend a groundwater monitoring network for Operable Unit 2 that will be most useful for subsequent RI/FS activities such as performing the baseline risk assessment and evaluating remedial alternatives.

If you have any questions or comments please contact Mr. Doug Borro Laidlaw Waste System Inc.'s designated contact, or the undersigned at (314) 770-0194.

Thank you for your attention to this matter.

Sincerely,

GOLDER ASSOCIATES INC



Ward E. Herst CPHG, CEM  
Operations Manager - St. Louis  
Associate

cc Doug Borro - Laidlaw  
Michael Hockley - SFBB

WEH/ked